How Long is a Second?

Read the following phrases, and then choose the best number to correctly complete each phrase.

1. \_\_\_\_\_ Nanosecond: the time it takes for light to travel 30 centimeters
2. \_\_\_\_\_ Main discharge of lightening to travel from the ground up to the thunderclouds
3. \_\_\_\_\_ Automobile traveling 30 mph to go 44 feet
4. \_\_\_\_\_ Minimum time for decay-causing acids to form in the mouth after eating sugar or carbohydrates
5. \_\_\_\_\_ Time to land a commercial airliner
6. \_\_\_\_\_ Nerve impulse to travel from the toe to the head of a six-foot person
7. \_\_\_\_\_ Sound of thunder to travel one mile
8. \_\_\_\_\_ Orville and Wilbur Wright’s plane to cover 852 feet during the first powered flight in 1903
9. \_\_\_\_\_ Period teachers will wait for a response to a question from boys

10) \_\_\_\_\_ Period teachers will wait for a response to a questions from girls

11) \_\_\_\_\_ Time for oil and vinegar to separate after mixing (at room temperature)

12) \_\_\_\_\_ Time to absorb a pint of oxygen through lungs while running

1. 1 second H. 30 seconds
2. .003 of a second I. 2.2 seconds
3. 5 seconds j. .001 of a second
4. 59 seconds K. 20 seconds
5. 12 seconds L. 6 seconds
6. 7.7 seconds M. .02 seconds
7. .000000001 billionth of a second